



# भारत का राजपत्र The Gazette of India

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No. 17]

NEW DELHI, SATURDAY, APRIL 25, 1970 (VAISAKHA 5, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

**Notifications and Notices issued by the Patent Office relating to Patents and Designs**

#### THE PATENT OFFICE

##### Patents and Designs

*Calcutta, the 25th April, 1970*

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

*4th April 1970*

126057. Vereinigung Volkseigener Elektrische Konsumgüter. Method of preparing movable contacts for electrical apparatus and movable contacts made thereof.
126058. The Goodyear Tire & Rubber Company. Improvements in dryer or heater with shielding means.
126059. Dr. Karl Thomae Gesellschaft mit beschränkter Haftung. New 2-amino-5-nitro-thiazoles substituted at the amino group and processes for their production.
126060. Dr. Karl Thomae Gesellschaft mit beschränkter Haftung. 2-[4, 5, 5-trimethyl-1, 3-oxazolidinylidene-(2) -amino] -5-nitro-thiazole and processes for its production.

126061. Joseph Lucas (Industries) Limited. Full wave rectifier assemblies. (17th April 1969).

*6th April 1970*

126062. Council of Scientific and Industrial Research. An improved method for the removal of vanadium from vanadium pig iron.
126063. Council of Scientific and Industrial Research. Improvement in or relating to the modification of aluminium base alloys containing silicon.

126064. Council of Scientific and Industrial Research. Improvements in or relating to wire helix winding for electronic devices such as travelling wave tubes (TWT).

126065. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of activated carbons.

126066. M/s. Karamchand Premchand Private Limited. Process for the preparation of quinazolinone derivatives.

126067. A. D. Swaminathan. Improvements in or relating to undie that is undercloth for gents and ladies.

126068. Veb Arzneimittelwerk Dresden. Process for the manufacture of new 3-carbamoyl-1-thia-isochroman-1.1-dioxid-derivatives.

126069. Veb Arzneimittelwerk Dresden. Process for the manufacture of new 3-carbalkoxy-1-thia-isochroman-1.1-dioxid-derivatives.

126070. Veb Arzneimittelwerk Dresden. Process for the manufacture of new 3-carboxy-1-thia-isochroman-1.1-dioxid derivatives.

126071. American Cyanamid Company. Method for preparing substituted 5-nitro imidazoles. [Addition to No 123513].

126072. American Cyanamid Company. Intermediates for nitroimidazolyl-thiadiazole anti-microbial agents.

126073. The Dunlop Company Limited. Composite structures. (19th April 1969).

126074. E. M. Burstlein. Screening process and apparatus.

126075. Joseph Lucas (Industries) Limited. Windscreen wiper assemblies (24th April 1969).

126076. International Flavors & Fragrances Inc. Novel flavor compounds and processes for producing and utilizing the same.
126077. T. K. R. Rao. An improved time switch. [Addition to No. 114443].
126078. A. R. Satbhai, V. G. Brahme and D. M. Phadke. Electric spray painting device (Electric sprayer).
126079. Wool Research Association. Improvements in or relating to nonfelling of keratin fibres.
126080. Mafatalal Apparel Manufacturing Co., A new multi-purpose hanger for shirts and like garments.
126081. Danfoss A/S. Drive arrangement for a washing machine.
126082. Danfoss A/S. Reversible counter.
126083. Mrs. Neela Vinayak Rashinkar. A lock for stepney.
126084. A. D. Swaminathan and Rita Augustine Swaminathan. Improvements in or relating to a chair and chair-cum-tables.
126085. D. S. Rao. Cooker stove.
126086. Schering Aktiengesellschaft. 3-methoxy-18-methyl-1, 3, 5(10), 6, 8-oestratetraen-17-one and process for its manufacture.
126087. Schering Aktiengesellschaft. 1, 3, 4-thiadiazoles.
126088. Schering Aktiengesellschaft. Process for the manufacture of 3  $\beta$ -hydroxy- $\Delta^4$ -steroids.
126089. Schering Aktiengesellschaft. 6, 9, 21-trihalogenosteroids.
126090. Schering Aktiengesellschaft. Herbicidal preparations and their use.

7th April 1970

126091. Joseph Lucas (Industries) Limited. Windscreen wiping systems for road vehicles. (27th May 1969).
126092. AMP Incorporated. Improved tab receptacle electrical connector.
126093. G. L. Adcock. Bit assembly for bottom hole impact drilling tool.
126094. Rohm and Hass Company. Soluble protein extract.
126095. Nippon Kokan Kabushiki Kaisha. Process of manufacturing low and medium carbon ferro alloy.
126096. Ciba Limited. New diazo pigments and process for their manufacture and use.
126097. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Phenyl derivatives.
126098. C. G. v. Berckheim. Arrangement for the production of an electric field in the region of a bed.
126099. International Standard Electric Corporation. Data handling system and telecommunication switching system including same.
126100. American Optical Corporation. Liquid sampling and pipetting apparatus.
126101. National-Standard Company. Metal bonding.

8th April 1970

126102. K. L. Patekar. Single phasing preventor-cum-isolator.
126103. S. V. Kessar, A. K. Lumb, Ranjit Roy Choudhury and S. K. Sakseena. Process for preparation and use of 7, 8, 9, 10-tetrahydro-7-oxo-benzo(C)-phenanthridines.
126104. Rose, Downs & Thompson Limited. Extraction. (10th April 1969).
126105. The Goodyear Tire & Rubber Company. Improved process for the preparation of resins.
126106. Colgate-Palmolive Company. Shampoo composition.
126107. American Flange & Manufacturing Co., Inc. Infant feeding bottle.

126108. Courtaulds Limited. Painting apparatus. (15th April 1969).
126109. Shell Internationale Research Maatschappij N. V. Process for preparing acrylamide derivatives and biocidally active compositions containing the same. [Divisional date 24th March 1969].
126110. Kao Soap Co., Ltd. Process for producing solid soaps.
126111. Deutsche Gold-Und Silber-Scheidanstalt Vormalis Roessler. Basic dithienyl derivatives.
126112. Institutul De Cercetari Pentru Prelucrarea Titeiului. Process for the preparation of a catalyst for the reforming and aromatization of benzines.
126113. Institutul De Cercetari Pentru Prelucrarea Titeiului. Process for the preparation of a catalyst of the platinum alumina type for reforming, aromatization and isomerization.
126114. Institutul De Cercetari Pentru Prelucrarea Titeiului Ploiesti. Process for the reactivation of used catalysts of the platinum-on-alumina support type.
126115. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Phenyl derivatives.
126116. G. R. Mansukhani. Improvements in/or relating to vacuum flasks. [Addition to No. 121529].
126117. Mitsubishi Kinzoku Kogyo Kabushiki Kaisha. Method of continuous processing of sulfide ores and apparatus therefor. (8th December 1969).
126118. The Bunker-Ramo Corporation. Hermetically sealed coaxial connecting means.
126119. Ciba Limited. New spiro-[steroid-17, 2'-furan-3'-ones] and a process for their manufacture.

9th April 1970

126120. Council of Scientific and Industrial Research. A fluidised bed reactor for carrying out reactions involving solids and gases.
126121. Council of Scientific and Industrial Research. Processes for the production of water soluble media for catings from cardanol.
126122. R. B. Menon. The hydro jet scooter.
126123. Bimal Chandra Bhattacharyya. Process for the production of coated or activated mica powder.
126124. Sybron Corporation. Radiation moisture measuring system.
126125. National Research Development Corporation. Reduction of ores. (15th April 1969).
126126. The Firestone Tire & Rubber Company. Pneumatic tire.
126127. Joseph Lucas (Industries) Limited. Lenses. (12th May 1969).
126128. Messrs. Roll-Trim Co., A device for performing concentrated isometric/isotonic physical exercise.
126129. E. J. Longyear Company. Wire line core barrel apparatus. [Divisional date 18th December 1968].
126130. Nippon Kokan Kabushiki Kaisha. A free cutting steel.
126131. Toho Beslon Co., Ltd. A method of using a zinc chloride aqueous solution through circulation and of purifying thereof.
126132. Ciba Limited. New heterocyclic compounds and processes for their manufacture.
126133. V. B. Bhat. A measuring scale with improved pattern of fraction marked on the same.
126134. V. B. Bhat. A circular slide rule.
126135. V. B. Bhat. Improved lettering 'set as drawing office equipment.
126136. V. B. Bhat. An improved depth-gauge-cum-measuring scale.

126137. V. B. Bhat. Circular slide rule for electrical communication engineering.

126138. Mrs. Saroj Prabhakar Bhate. A trolley or wheeled chair with improved type of wheels for ease of climbing stairs.

126139. V. B. Bhat. An improved calculator-cum-calender with conversion facility.

126140. S. P. Kanhere. An improved trolley or a handcart with powered traction device.

10th April 1970

126141. Dorr-Oliver Incorporated. Sedimentation apparatus having vertically stacked settling compartments.

126142. Canadian Industries Limited. Method of gelling water bearing compositions containing thickeners. (23rd April 1969).

126143. Imperial Chemical Industries Limited. Energetic constituent for incendiary and explosive compositions. (25th April 1969).

126144. Allied Breweries Limited. Brewery process. (25th April 1969).

126145. W. Shrimpton. Method for fractionating sperm.

126146. N. M. Kedar. A musical instrument.

126147. N. M. Kedar. A musical instrument.

126148. Ciba Limited. Process for the reduction of an organic substance in a polar organic medium.

126149. Ciba Limited. Disazo compounds and processes for their manufacture and use.

126150. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Phenyl derivatives.

126151. Trico-Folberth Limited. Windscreen wiper assemblies. (28th April 1969). [Addition to No. 121197].

126152. Societa Italiana Resine S.p.A. Plant for the desalination of sea or other water.

126153. Societa Italiana Resine S.p.A. Plant for the desalination of sea or other water.

126154. Societa Italiana Resine S.p.A. Plant for the desalination of sea or other water.

126155. H. K. Razdan. An improved weighing balance scale.

#### Alteration of Date

124728. Ante-dated to 2nd July 1968 under Section 5 of the Act.

125336. Ante-dated to 30th October 1968 under Section 5 of the Act.

116681. The claim to priority date 6th May 1968 has been abandoned and the application dated as of 6th July 1968, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed Form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

103994. Dr. M. R. Chivate and B. V. Anjaria. An improved method of drying sticky and foaming substances. Accepted on 6th April 1970.

*Forming a foamed slurry of the substances by blowing an or any other gas through the materials in the presence of a foaming agent and drying the foam slurry.*

111297. Ministerul Industriei Chimice. A composition containing cysteine or its homologues as stimulant for the growth and development of animals and poultry and process for the preparation of the composition. Accepted on 8th April 1970.

*Comprises cysteine or its homologues and a carrier like fodder or poultry feed together with a known stimulant other than said active ingredient.*

116315. Fritz and Singh Private Limited. Oil filter for heavy machinery. Accepted on 11th March 1970.

*Comprising an outer perforated casing and an inner perforated cylinder and a crimped filter paper between the two.*

116495. J. R. Chhabra. Improvements in or relating to internal combustion engines. Accepted on 25th March 1970.

*Diffusing device includes a perforated tubular screen, wherein fuel/air mixture passes through the screen, and a perforated disc movable lengthwise of and within the said tubular screen.*

116549. Tea Research Association. An improved apparatus for continuously fermenting processed tea leaf. Accepted on 28th March 1970.

*Comprising trays with perforated bottoms side plates, means for transferring trays, air chamber.*

116596. The Dunlop Company Limited. Reticulating cellular thermoplastic material. (6th July 1967). Accepted on 2nd April 1970.

*The sheet being constrained between two platens to expel air, the cells of the sheet in said part being filled with combustible gaseous medium, and the gas is ignited to reticulate the said material.*

116613. S. K. Karanjia. A stilt device. Accepted on 2nd April 1970.

*Comprising a vertical member having a foot rest, said vertical member provided with a spring base.*

116632. P. A. Soloviev, I. P. Evich, G. P. Kalashnikov, L. I. Kantor and S. N. Zamotin. A mechanical drive for power transmission between shafts whose axes intersect, more particularly for twin-engined helicopters. Accepted on 3rd April 1970.

*Torque is transmitted from each input shaft of the transmission through two co-axial shafts located one inside the other, said shafts carrying bevel gear wheels meshed with a second bevel gear wheel fixed to a spur gear wheel.*

116634. The President Forest Research Institute and Colleges, Dehra Dun, India. Pine needle resinoid and process for isolating the same. Accepted on 2nd April 1970.

*Characterized in that concentration of the extracts under vacuum is effected at a bath temperature not exceeding  $40 \pm 1^\circ\text{C}$ .*

116657. Brown, Boveri & Company Limited. Alternating-current generator for direct axle mounting. Accepted on 4th April 1970.

*Characterised in that on the outside of a fixed hollow shaft a bearing for the claw pole rotor is mounted and on the inside a shaft is rotatably coupled to a driving axle with gears on the shaft end.*

116678. Burlington Industries, Inc. A fluid pressure operated system for programming a parameter of desired functions into an operation to effect the condition of the operation in accordance with the parameter. Accepted on 6th April 1970.

*Comprises a source of supply pressure, sensing means for sensing the state of the operation and a programming and controlling apparatus.*

116681. H. J. Stauber. Method and apparatus for making water or a water-containing mass available for use as a readily movable packaged supply. Accepted on 6th April 1970.

*Which consists in floating on a waterway at least one closable and inflatable container controllably filling said container by natural gravitational flow thereinto of the water and closing said filled floating container.*

116688. Johnson & Johnson. A pressure-sensitive adhesive composition. Accepted on 6th April 1970.

*Comprising an aldehyde resin reactive diene elastomer, 25—500 parts of a tackifier, 5—40 parts of an oil soluble heat and elastomer reactive bromomethyl alkylated phenol HCHO resin and 5—25 parts of zinc resinate.*

116739. P. A. Soloviev, G. P. Kalashnikov, L. I. Kantor and S. N. Zamotin. Free-wheeling roller type clutch. Accepted on 8th April 1970.

*Comprising roller resiliently clamped, between stops, driven element.*

116769. A. V. Rao. A device for counting lightning discharges. Accepted on 7th April 1970.

*Comprising circular iron core, copper winding, earth lead, spring operated armature, counter mechanism.*

116872. PAV Prazisions-Apparatebau Aktiengesellschaft. Folding rule. Accepted on 8th April 1970.

*Characterised by a spring in the form of a bending spring engaging a hole or recess in the pin.*

116873. Arbeitsstelle Fur Molekularelektronik. Copying apparatus preferably for copying on semiconductor discs. Accepted on 7th April 1970.

*Comprising stationary disc, ball plate suction pipe, pattern holder, movable stamp, rubber gasket holder support channel.*

116949. Hitachi, Ltd. Switching device for on-load tap changer. Accepted on 8th April 1970.

*Comprising support housing, stationary contacts drive shaft, fan shaped member arcuate face, movable contacts axial means.*

117071. Progil. Stabilised manganese ethylene bis-dithiocarbamate composition a process for its preparation and fungicidal compositions containing the same. Accepted on 8th April 1970.

*Which comprises reacting an alkali metal ethylene bis-dithiocarbamate and a zinc salt or a cadmium salt or both in aqueous solution.*

117456. Tenneco Chemicals, Inc. Process for the production of N-cycloalkyl-chlorobenzylidenimines and herbicidal compositions containing same. Accepted on 7th April 1970.

*Process for the production of N-cycloalkyl-chloro-benzylidenimines which comprises contacting a chlorobenzaldehyde with a substantially equivalent amount of an appropriate amine at a temperature in the range of about 60° to 100°C.*

117764. Československý Institut Pre Uzemne Planovanie. Molecorator for reclaiming of deep sands in arid areas on the principle of large area hydropony. Accepted on 20th March 1970.

*Comprising a melioration plough having a front frame part pivotally linked to a rear frame part having a hydraulically controlled injection plough blade and an irrigation plough blade for depositing a pliable irrigation pipe.*

117874. National Distillers and Chemical Corporation. Continuous process for the production of alfin polymers by polymerization of alfin monomers in organic solvent and for recovering and recycling solvent. Accepted on 3rd April 1970.

*Comprising continuously blending alfin monomer, catalyst, molecular weight moderator, effecting polymerisation.*

117891. The Triveni Engineering Works Limited. Improvements in liquid concentrating vessels. Accepted on 4th April 1970.

*Comprising a chamber having a plurality of spaced heat exchanger elements arranged transversely across at least part of the lower half of the chamber, and a plurality of stirrers rotatable about a horizontal axis and arranged to traverse between adjacent heat exchanger elements.*

117898. Agripat S. A. Improved process for the preparation of cyanogen chloride and hydrogen chloride. Accepted on 4th April 1970.

*Reacting hydrogen cyanide and chlorine in a non aqueous polar organic liquid medium which is inert to both reactants and products and in which at least one of the reactants is soluble to the extent of at least about 2% by weight.*

118051. Hotchkiss Instruments, Inc. Endoscope. Accepted on 6th April 1970.

*Comprising a housing having a viewing aperture aligned with a sight aperture, opposing holding surfaces on the housing exterior being adjacent the sight aperture, and an electric light source mounted to the housing.*

118052. Hotchkiss Instruments, Inc. Endoscope with coincident illumination and viewing. Accepted on 6th April 1970.

*Comprising a housing having viewing and sight apertures, reflector intermediate the apertures and circumjacent the sight passage between the apertures, and electric light source directing light onto the reflector for transmission along the sight passage past the sight aperture and onto an area.*

118142. Sadhan Kumar Niyogi. Improved ball point writing pen. Accepted on 4th April 1970.

*Wherein an oar-shaped leaf spring provided between the protruding rod and the central bore of the mould in such a way that the spring actuated stem with the push button is brought in same alignment with the selected refill (in writing position) by rotation of the knob.*

118221. VEB Starkstrom-Anlagenbau Erfurt. Earthing device, especially for encapsulated high-tension switchgears with truck-type units. (19th December 1967). Accepted on 4th April 1970.

*An easily accessible section point for the testing of voltage and for earthing is provided outside compartmentalization of the live parts on a truck type earthing unit.*

118307. U. S. Padhey. Electrical three phase tripper attachment to starters for low load line current and unbalanced line current. Accepted on 4th April 1970.

*Comprising a tripple current relay having (1) three coils each carrying one line current and (2) common relay switch controlled by three coils, connected in series with the no-volt coil of the starter.*

118311. CKD Praha, Oborovy Podnik. A terminal switch of a cable drum drive of a crane. Accepted on 4th April 1970.

*The contact to limit the maximum lift of crane hook is adjustable parallel to an axis of the motion screw in dependence upon inclination of crane jib.*

118316. Rocket Research Corporation. Two stage inflation aspirator. Accepted on 3rd April 1970.

*Having tubular wall means dividing inlet tube into first and second stages passageways, injector discharging into first stage passageway which in turn discharges into second stage passageway, and check valve means in the second stage passageway.*

118353. Rocket Research Corporation. Improvements in generation of cool working fluids. Accepted on 7th April 1970.

*A hot gas generating chamber with an outlet leading to the entrance portion of cold liquid detaining and mixing chamber, a storage chamber containing pressurized liquified gas and outlet passage way.*

118428. Southington Manufacturing, Inc. A pneumatic pressure fed continuous foundry sand ingredients mulling apparatus and a method of mulling foundry sand and liquid ingredients in a continuous operation. Accepted on 6th April 1970.

*Comprising ingredients mulling apparatus having an ingredients mixing elongate muller trough, a gravity feed sand supply funnel a sand gate valve, a plurality of liquid ingredient supply tank means supported adjacent the muller trough, a liquid feed pipe means, liquid metering valve means discharging into the elongate trough.*

118429. Southington Manufacturing, Inc. A continuous operation foundry sand ingredients mulling apparatus and a method for accurately proportioning foundry sand ingredients. Accepted on 6th April 1970.

*Comprising an ingredient mixing elongate muller trough, a feed sand supply chute discharging into one end of the trough, a sand metering valve in the chute, a plurality of founding sand liquid ingredient supply tank means supported adjacent the muller trough.*

118666. The Cementation Company Limited and Amitava Ghosh Dastidar. Consolidation of soil by novel drainage wicks. [Addition to No. 114874]. Accepted on 3rd April 1970.

*Wherein the water-permeable material of which the wick is made is reinforced with or constituted by metallic wire mesh.*

118710. Teijin Limited. Acetate filaments of improved resistance to hydrothermal delustering and the process for preparation thereof. Accepted on 2nd April 1970.

*Which have a degree of hydrothermal delustering at 110°C of no higher than grade 1.5 and the qualitative reproducibility of 97 to 100%.*

119156. Agripat S. A. New 1, 3, 4-thiadiazolyl urees, processes for the production thereof and herbicidal compositions containing the same. Accepted on 4th April 1970.

*By reacting a 2-amino-1, 3, 4-thiadiazole with a halogen carbonic acid ester in the presence of an acid binding agent to form the carbonic acid derivative which is reacted with an amine.*

119266. International Standard Electric Corporation. Method for the time-division multiplex transmission of direct-current signals. Accepted on 4th April 1970.

*Comprising sampling means between each source of direct current signals and a multiplex communication path, measuring means, transmitting and receiving means.*

119304. N. S. Shah. An improved nipple for a wide-mouthed baby feeding bottle. Accepted on 4th April 1970.

*Comprising a flange having an opening, a circular recess located between the base of the nipple and the flange and a pinhole air-valve.*

119313. International Milling Company Inc. Basic blend food product from cereal grains and process for its manufacture. Accepted on 6th April 1970.

*Providing a basic blend of fractions of cereals, for example, milled wheat, the wheat fractions being wheat germ or similar floury mill feed, and second clear flour or other high-ash and high protein flour streams.*

119355. International Standard Electric Corporation. Telephone operator's switchboard apparatus. (11th January 1968). Accepted on 4th April 1970.

*Having a base, a magnet fixed to the base a flat surface, resilient material associated with the base.*

119392. M. G. Phadke. An improved silicon power diode tube as replacement unit in place of thermionic rectifying valve. Accepted on 6th April 1970.

*Comprising an attachment in the form of resistance case formed by flat carbon discs interposed by radially corrugated metal discs.*

119413. N. V. Philips Gloeilampenfabrieken. Electric component with a synthetic resin casing. Accepted on 6th April 1970.

*Comprising a synthetic resin casing a sidewall, an electrolytic capacitor accommodated in a recess, the recess is covered by the bottom of a unilaterally open box which clamps around the sidewall of the casing.*

119800. Cardwell Westinghouse Company. Two way automatic brake adjuster. Accepted on 3rd April 1970.

*Includes a rod member provided with a screw portion at its one end and means adjacent the other end thereof for securing same into the rigging, a housing member mounted in telescoping relation to the rod member screw portion at one end thereof.*

120323. Aktienbolaget Bofors. Pressure sensitive device. Accepted on 7th April 1970.

*In which the amplifier is provided with control means for controlling the gain in response to a control signal applied to control means, and control means are adapted to receive as control signal a signal derived from pressure responsive device so that gain is controlled in response to static pressure.*

120483. Gould-National Batteries, Inc. Grid for a storage battery and a method of manufacture thereof. Accepted on 2nd April 1970.

*Consists of lead alloy containing lithium from about 0.005% to 0.04% by weight.*

120700. Joseph Lucas (Industries) Limited. Testing of voltage/regulators. (15th January 1969). Accepted on 6th April 1970.

*Comprising input and output terminals, a simulator, a counter and means for preventing damage from faults.*

120844. The Goodyear Tire & Rubber Company. Improvements in or relating to apparatus for heating fibers in yarn or fabric in a continuous length element. Accepted on 6th April 1970.

*Comprising infra-red heating means for the fibre length element, drive means for relatively moving the element and heating means, gas moving means for moving a gas stream.*

120917. G. E. Lagstrom. A central heating system. Accepted on 7th April 1970.

*Characterised in that at least a part of the combustion chamber simultaneously constitute a combustion chamber of a modified dry toilet, i.e. a toilet of the non-flush type.*

121065. Sanwa Precisa Co., Ltd. A laundry press machine. Accepted on 4th April 1970.

*Comprises a steam emitting device having an elongated opening for continuously discharging steam towards stacked trousers and a vertically movable presser device to hold down the trousers.*

121141. Ahmedabad Textile Industry's Research Association. An apparatus for preparing an aligned tuft of parallel fibres for the purpose of fibre length measurements. Accepted on 6th April 1970.

*Comprising a bed of combs, means to traverse said bed axially, tweezers, means to traverse said and means to operate jaws of said tweezers.*

121621. N. V. Philips Gloeilampenfabrieken. Semiconductor device comprising a field effect transistor having an insulated gate electrode and circuit arrangement comprising such a semiconductor device. Accepted on 6th April 1970.

*Comprising a field effect transistor a gate electrode which is capacitively connected to the substrate region of one conductivity type.*

121628. Farbenfabriken Bayer Aktiengesellschaft. N-acyl-1, 2-dicarbonylphenylhydrazones and insecticidal or acaricidal compositions thereof. Accepted on 8th April 1970.

*Reacting alkalimetal salt of 1, 2-dicarbonylphenylhydrazone with an acid chloride derivative.*

121674. Joseph Lucas (Industries) Limited. Variable resistors. (14th June 1968). Accepted on 7th April 1970.

*Including a rotor mounted inside a body and a printed circuit located on the rotor with a pair of contacts carried by said body and engaging exposed area of the circuit.*

121789. Natoinal Distillers and Chemical Corporation. A process for separating aromatic hydrocarbons from a mixture of aromatic and non-aromatic hydrocarbons. Accepted on 6th April 1970.

*Comprises countercurrently extracting the mixture with 1, 3-dicyanobutane and a counter solvent, distilling the extract to remove countersolvent, and separating the aromatics from 1, 3-dicyanobutane by a second distillation.*

122054. N. V. Philips Gloeilampenfabrieken. Device for the transmission of rectangular synchronous information pulses. Accepted on 3rd April 1970.

*Having a linear network as correction circuit behind the switching modulating device.*

122162. Ciments Lafarge. Improvements in the manufacture of super-white cements. Accepted on 7th April 1970.

*Comprising the steps of crushing the clinker at 1000 to 1450°C cooling to 700–1100°C while passing through reducing atmosphere, rapidly cooling the same to a temperature of 300°C by the application of atomised water.*

122400. Kurashiki Rayon Co., Ltd. Process for producing polyvinyl alcohol filaments. Accepted on 6th April 1970.

*Comprises using as a spinning solution a polyvinyl alcohol solution of 10–30% containing 1–5%, based on the polyvinyl alcohol, of a water-soluble boron containing compound, adjusting pH to 3–5 and spinning into a coagulating bath containing 20–100 gms per litre of an alkali hydroxide and 100–180 gms per litre of sodium sulphate.*

123058. U. C. Amdekar. A display apparatus. Accepted on 2nd April 1970.

*A master keyboard having a number of keys arranged in a row or in two or more rows and a displaying board to display any predetermined information corresponding to each key of the said master board.*

123882. Joseph Lucas (Industries) Limited. Lamps for road vehicles. (18th November 1968). Accepted on 6th April 1970.

*Having a reflector within the lamp and positioned to reflect light from a bulb to illuminate a portion of the lens which is shielded from the bulb.*

124728. The Dunlop Company Limited. Reticulating and/or bonding thermoplastic material (11th April 1968). [Divisional date 2nd July 1968]. Accepted on 2nd April 1970.

*A sheet of a mass of strands of thermoplastic material being constrained between two platens, the cells of the sheets are filled with combustible gaseous medium, the gas is ignited to reticulate the said material or fuse together the strands at their points of contact.*

125336. Rocket Research Corporation. Improvements in generation of cool working fluids. [Divisional date 30th October 1968]. Accepted on 7th April 1970.

*Comprising an outer enclosure, inner enclosure within the outer enclosure a fluid space in between, a cold fluid in the space, cold fluid inlet means, a hot gas generator, a detaining and mixing chamber, fluid delivery means and combined fluid outlet passageway.*

### Opposition Proceedings

An opposition has been entered by Birla Research Institute for Applied Sciences to the grant of a patent on application No. 113036, made by Council of Scientific and Industrial Research.

### Patents Sealed

112709. 112905. 113112. 113284. 113317. 113450. 113452. 113509. 114058. 114162. 114304. 114361. 114386. 114437. 114438. 114472. 114474. 114500. 114531. 114546. 114548. 114574. 114632. 114633. 114666. 114667. 114719. 114730. 114774. 114783. 115250. 115348. 115412. 115539. 115588. 115892. 115977. 116021. 116160. 116280. 116513. 116543. 116720. 116848. 117150. 117489. 117655. 117895. 117896. 117976. 118023. 118026. 118493. 118614. 118639. 119702. 122211. 122728.

### Amendment Proceedings

(1)

Application made by Denco A. G., a Swiss Company of Baarerstrasse 117, Zug Switzerland, under Section 17 of the Indian Patents and Designs Act, 1911, for the amendment of application for patent No. 100798 which was advertised in the Gazette of India, Part III, Section 2 dated the 22nd February, 1969, has been disallowed.

(2)

The amendment proposed by Roto-Finish Company in respect of patent application No. 107503 as advertised in the Gazette of India, Part III, Section 2, dated the 27th December 1969 has been allowed.

(3)

The amendment proposed by Mitsui Petrochemical Industries, Limited in respect of patent application No. 109118 as advertised in the Gazette of India, Part III, Section 2 dated the 27th December 1969 has been allowed.

(4)

The amendment proposed by E. I. Du Pont De Nemours & Co., in respect of patent application No. 109413 as advertised in the Gazette of India, Part III, Section 2 dated the 27th December 1969 has been allowed.

(5)

The amendment proposed by Mizusawa Kagaku Kogyo Kabushiki Kaisha in respect of patent application No. 115819 as advertised in the Gazette of India, Part III, Section 2 dated the 13th December 1969 has been allowed.

(6)

The amendment proposed by E. I. Du Pont De Nemours & Co., in respect of patent application No. 117007 as advertised in the Gazette of India, Part III, Section 2 dated the 27th December 1969 has been allowed.

**Renewal Fees Paid**

54261. 54339. 54430. 54491. 54541. 54907. 56980. 57053.  
 57094. 57095. 57122. 57184. 57227. 57252. 57332. 57347.  
 57888. 58547. 59453. 60111. 60329. 60490. 60550. 60657.  
 61214. 61230. 63867. 64030. 64052. 64104. 64105. 64114.  
 64164. 64165. 64166. 64167. 64198. 64244. 64416. 64824.  
 67238. 67318. 67386. 67426. 67443. 67539. 67546. 67547.  
 67589. 67653. 67696. 67725. 67759. 67831. 67834. 67964.  
 68893. 69306. 70143. 70145. 70144. 71238. 71361. 71364.  
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 71885. 71886. 71887. 71890. 71956. 71961. 71970. 72003.  
 72018. 72532. 73102. 75273. 76177. 76198. 76203. 76266.  
 76293. 76322. 76341. 76426. 76448. 76480. 76526. 76527.  
 76544. 76573. 76574. 76586. 76587. 76616. 76618. 76624.  
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 82546. 82710. 82825. 84489. 85363. 85369. 87304. 87375.  
 87376. 87474. 87481. 87511. 87516. 87534. 87547. 87572.  
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 87969. 87971. 88051. 88054. 88093. 88095. 88100. 88101.  
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 88539. 91545. 92350. 92818. 93125. 93160. 93238. 93242.  
 93257. 93322. 93325. 93343. 93346. 93362. 93366. 93367.  
 93369. 93371. 93385. 93394. 93408. 93411. 93463. 93486.  
 93502. 93554. 93561. 93562. 93601. 93614. 93626. 93644.  
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 93894. 93935. 94172. 94437. 94907. 95305. 95818. 96540.  
 97304. 98258. 98529. 98726. 98820. 98829. 98886. 98917.  
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 99097. 99116. 99117. 99118. 99120. 99133. 99138. 99142.  
 99178. 99183. 99188. 99222. 99226. 99229. 99304. 99373.  
 99408. 99424. 99426. 99436. 99622. 99661. 99700. 99728.  
 99771. 99772. 99786. 99787. 99811. 99820. 99851. 100037.  
 100258. 100261. 100351. 100699. 100798. 100889. 101054.  
 101601. 102820. 102821. 102822. 102823. 103560. 103561.  
 103954. 104753. 104758. 104774. 104811. 104884. 104886.  
 104888. 104890. 104904. 104917. 104922. 104945. 104953.  
 104955. 105034. 105103. 105117. 105126. 105130. 105180.  
 105202. 105216. 105217. 105218. 105261. 105263. 105302.  
 105309. 105310. 105311. 105312. 105313. 105314. 105315.  
 105394. 105431. 105439. 105441. 105448. 105494. 105495.  
 105496. 105511. 105526. 105772. 105882. 106020. 106067.  
 106171. 106325. 106402. 106479. 106720. 107018. 107299.  
 107809. 108085. 109816. 110170. 110211. 110212. 110287.  
 110305. 110719. 110797.

**Cessation of Patents**

91769. 91770. 92590. 93068. 93296. 98721. 99369. 99542.  
 100833. 102685. 102686. 102747. 102748. 102802. 103198.

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 66012—Habeeb Gulamhussain Alladin.

The patent ceased on the 3rd December 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 14th March 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1970.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 68720—B. N. Pachal & Sons Private Ltd.

The patent ceased on 12th August 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 10th January 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 2nd May 1970.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 77332—Shardben Harivadan Parikh.

The patent ceased on the 25th April 1970, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 14th February 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1970.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 86234—Bhutoria Engineering Works Ltd.

The patent ceased on the 29th January 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 21st March 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1970.

(5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 96802—Biraja Bilash Paul.

The patent ceased on the 2nd December 1960 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 4th April 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1970.

(6)

An order has been made on the 4th April 1970, restoring the patent No. 96540, dated as of the 13th November 1964, granted to Raj Kumar Bajpai for "combination of disassociated gases".

*Registration of Designs*

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 136737. Regie Nationale Des Usines Renault, 8/10, Avenue Emile Zola a Billancourt (Hauts de Seine) France, a French Company, "an Automobile vehicle body". November 14, 1969.

Class 3. No. 136683. Lotus Rubber Industries, (an Indian Partnership Firm), 8, Suman House, Chowpatty Seaface, Bombay-7, (Maharashtra), Nationality Indian, "Cycle tyre", November 7, 1969.

Class 3. No. 136562. Shrikant Jain, Chandmal Sirmal, Kanak-raj Parekh and Chandrakant Jain, all Indian nationals, trading as B. K. Plastic Industries, of 33, Burtolla Street, Calcutta-7, State of West Bengal, India, "Tumbler", October 4, 1969.

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Design Nos. 125094 and 125732 .... Class 1.

Design Nos. 125591, 126109, 126110, 125124, 124819  
Class 3.

Design No 130250 .... Class 4.

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Design Nos. 106555, 105392, 105035, 105393, 106556,  
104816. Class 3.

S. VEDARAMAN,  
Controller General of Patents, Designs  
and Trade Marks.